

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

Army

Application Number *D.v. App.*

2 08/789,734

Applicant(s)

Sitterstrom, et al

Filing Date

July 19, 2000

Group Art Unit

16 17

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,540,444	11/17/70	Moreland	128	173	1/15/68
	BB	3,788,315	1/29/74	Laurens	128	173H	4/20/71
	CC	4,166,800	9/4/79	Fong	252	316	7/31/78
	DD	4,384,975	5/24/83	Fong	427	213.36	6/13/80
	EE	4,530,840	7/23/85	Tice et al.	514	179	7/29/82
	FF	4,542,025	9/17/85	Tice et al.	424	78	4/30/84
	GG	4,622,244	11/11/86	Lapka et al.	427	213.32	8/23/84
	HH	4,585,482	4/29/86	Tice et al.	106	15.05	5/25/84
	II	4,637,905	1/20/87	Gardner	264	4.3	4/11/85
	JJ	4,675,189	6/23/87	Kent et al.	424	490	2/8/85
	KK	4,798,786	1/17/89	Tice et al.	435	177	5/6/82

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	ab	0052510B2	10/19/94	EPO	A61K	9/50	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

aa	Gilding, Biodegradable polymers for use in surgery-polyglycolic/poly (ac c acid) homo- and copolymers: 1, Polymer, vol. 20, Dec. 1979, pp1459-1464
bb	Biotechnology News, August 22, 1997, vol. 17, No. 20, Topical DNA vaccine elicits immune response.

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	LL	4,798,786	1/17/89	Tice et al.	435	177	5/6/82
	MM	4,835,139	5/30/89	Tice et al.	514	15	5/19/87
	NN	4,863,735	9/5/89	Kohn et al.	524	422	10/2/86
	OO	4,897,268	1/30/90	Tice et al.	424	422	8/3/87
	PP	4,938,763	7/3/90	Dunn et al.	604	891.1	10/3/88
	QQ	4,941,880	7/17/90	Burns	604	143	12/12/88
	RR	5,000,886	3/19/91	Lawter et al.	264	4.3	5/26/87
	SS	5,019,096	5/28/91	Fox, Jr. et al.	623	1	10/14/88
	TT	5,059,187	10/22/91	Sperry et al.	604	290	5/4/90
	UU	5,064,413	11/12/91	McKinnon et al.	604	70	11/9/89
	VV	5,075,109	12/24/91	Tice et al.	424	88	3/18/88

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

cc	Hall, et al., Purification and Analysis of Colonization Factor Antigen I, Coli Surface Antigen 1, and Coli Surface ANtigen 3 Fimbriae from Enterotoxigenic Escherichia Coli, Journal of Bacteriology, Nov. 1989, p6372-6374, vol. 171, No. 11
dd	Evans, et al. Purification and Characterization of the CFR/I Antigen of Enterotoxigenic Escherichia coli, Infection and Immunity, Aug. 1979, p 738-748, vol. 25.

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INFORMATION DISCLOSURE CITATION
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Docket Number (Optional) Army	Application Number Divisional 07 08/789,734
Applicant(s) Settlerstrom, et. al.	
Filing Date July 19, 2000	Group Art Unit 1617

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	VV	5,075,109	12/24/91	Tice, et al.	424	88	3/18/88
	WW	5,102,872	4/7/92	Singh, et al.	514	21	8/12/88
	XX	5,129,825	7/14/92	Discko, Jr.	433	90	10/10/89
	YY	5,133,701	7/28/92	Han	604	289	10/15/90
	ZZ	5,236,355	8/17/93	Brizzolara et al.	433	80	10/5/90
	AB	5,278,202	1/11/94	Dunn et al.	523	113	12/23/91
	AC	5,290,494	3/1/94	Coombes et al.	264	41	7/16/92
	AD	5,360,610	11/1/94	Tice et al.	424	426	3/15/93
	AE	5,384,133	1/24/95	Boyes, et al.	424	501	6/29/93
	AF	5,407,609	4/18/95	Tice et al.	264	46	5/17/93
	AG	5,417,986	5/23/95	Reid et al.	424	499	4/10/92

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ee	Karjalainen, et al., Molecular Cloning and Nucleotide Sequence of the Colonization Factor Antigen I Gene of Escherichia coli, Infection and Immunity, Apr. 1989, p1126-1130, vol. 57
ff	Jeyanthi, et al., Novel, Burst Free Programmable Biodegradable Microspheres For Controlled Release of Polypeptides, Proceedings Int. Symp. control Release Bioact. Mater. (1996) p351-352/

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Army

Application Number

2,139,001
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Applicant(s)

Letterstrom, et al.

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Group Art Unit

1617

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AH	5,500,228	3/19/96	Lawter et al.	424	486	11/26/90
	AI	5,538,739	7/23/96	Bodmer et al.	424	501	1/18/91
	AJ	5,639,480	6/17/97	Bodmer et al.	424	501	6/6/95
	AK	5,643,605	7/1/97	Cleland et al.	424	489	6/2/95
	AL	5,688,530	11/18/97	Bodmer, et al.	424	501	6/6/95
	AM	5,693,343	12/2/97	Reid, et al.	424	491	5/16/94
	AN	5,762,965	6/9/98	Burnett et al.	424	499	2/9/96
	AP	5,811,128	9/22/98	Tice, et al.	424	501	9/7/93
	AQ	5,814,344	9/29/98	Tice, et al.	424	501	6/6/95
	AR	5,820,883	10/13/98	Tice, et al.	424	501	6/6/95
	AS	5,853,763	12/29/98	Tice, et al.	424	489	6/6/95

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gg	Yeh, A novel emulsification-solvent extraction technique for production of protein loaded biodegradable microparticles for vaccine and drug delivery, Journal of Controlled Release, 33 (1005) 437-445.
hh	Yan, Characterization and morphological analysis of protein-loaded poly(lactide-co-glycolide) microparticles prepared by water-in-oil-in-water emulsion technique, Journal of Controlled Release, 32 (1994) 231-241.

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Docket Number (Optional) <i>Army</i>	Application Number <i>Divisional</i> <i>08 081789, 734</i>
Applicant(s) <i>Settlemstrong et al</i>	
Filing Date <i>July 19, 2000</i>	Group Art Unit <i>1617</i>

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,429,822	7/4/95	Gresser et al.	424	426	3/13/92
	BB	5,648,096	7/15/97	Gander et al.	424	489	6/22/94
	CC	5,650,173	7/22/97	Ramstack et al.	424	489	10/3/96
	DD	3773, 919	1/20/73	Boswell	424	19	10/8/70

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Applicant(s)

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Group Art Unit

July 19, 2000

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08/789,734

Applicant(s)

Atterstrom, et. al.

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